

RAW SEQUENCE LISTING

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Application Serial Number: 091674,237C
Source: FEW16
Date Processed by STIC: 5-25-05

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IFW16

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DATE: 05/25/2005

PATENT APPLICATION: US/09/674,237C

TIME: 13:53:57

Input Set : A:\3477.89.ST25.txt

Output Set: N:\CRF4\05252005\I674237C.raw

(ps.6)

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3 <110> APPLICANT: Egan, Sean E.
4     Wang, Wei
5     Sengar, Ameet
7 <120> TITLE OF INVENTION: ESE GENES AND PROTEINS
9 <130> FILE REFERENCE: 3477-89
11 <140> CURRENT APPLICATION NUMBER: US 09/674,237C
12 <141> CURRENT FILING DATE: 2001-07-24
14 <150> PRIOR APPLICATION NUMBER: PCT/CA99/00375
15 <151> PRIOR FILING DATE: 1999-04-27
17 <150> PRIOR APPLICATION NUMBER: US 60/118,739
18 <151> PRIOR FILING DATE: 1999-02-05
20 <150> PRIOR APPLICATION NUMBER: CA 2230201
21 <151> PRIOR FILING DATE: 1998-04-27
23 <160> NUMBER OF SEQ ID NOS: 37
25 <170> SOFTWARE: PatentIn version 3.3
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 5084
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225 Lys Pro Ile Ala Gly Phe Ile Thr Gly Asp Gln Ala Arg Asn Phe Phe
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228 ttc caa tct ggg tta cct cag cct gtc tta gca caa ata tgg gcg cta 192
229 Phe Gln Ser Gly Leu Pro Gln Pro Val Leu Ala Gln Ile Trp Ala Leu
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238 85 90 95
240 aca ctt ccc cct gtc atg aaa cag caa cca gtg gct att tcc agt gca 336
241 Thr Leu Pro Pro Val Met Lys Gln Gln Pro Val Ala Ile Ser Ser Ala
242 100 105 110
244 cca gca ttt ggt ata gga ggg att gct agc atg cca cca ctc aca gct 384
245 Pro Ala Phe Gly Ile Gly Gly Ile Ala Ser Met Pro Pro Leu Thr Ala
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276	aca	ggt	ccc	cag	gca	aga	act	att	ctc	atg	caa	tca	agt	tta	ccc	cag	768
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293	Pro	Pro	Ser	Phe	Arg	Arg	Val	Arg	Ser	Gly	Ser	Gly	Met	Ser	Val	Ile	
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308	caa	gcg	ctc	ttg	gag	cag	cag	cgc	aaa	gag	cag	gag	cgg	ttg	gct	cag	1152
309	Gln	Ala	Leu	Leu	Glu	Gln	Gln	Arg	Lys	Glu	Gln	Glu	Arg	Leu	Ala	Gln	
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312	ctg	gag	cgc	gcc	gag	cag	gag	agg	aaa	gag	cgg	gag	cgc	cag	gag	cag	1200
313	Leu	Glu	Arg	Ala	Glu	Gln	Glu	Arg	Lys	Glu	Arg	Glu	Arg	Gln	Glu	Gln	
314	385				390					395						400	
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321	Glu	Leu	Glu	Arg	Gln	Arg	Glu	Glu	Glu	Arg	Arg	Lys	Glu	Ile	Glu	Arg	
322				420					425					430			
324	cgc	gag	gcc	gca	aaa	cgg	gaa	ctg	gaa	agg	cag	cga	caa	ctt	gaa	tgg	1344
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329	Glu	Arg	Asn	Arg	Arg	Gln	Glu	Leu	Leu	Asn	Gln	Arg	Asn	Lys	Glu	Gln	
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337	Leu	Glu	Ala	Leu	Asn	Asp	Lys	Lys	His	Gln	Leu	Glu	Gly	Lys	Leu	Gln	
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366			595				600						605				
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370		610					615					620					
372	gag	gca	gcg	cga	ctg	aag	cag	aaa	gag	cag	gag	agg	aag	agc	ctg	gag	1920
373	Glu	Ala	Ala	Arg	Leu	Lys	Gln	Lys	Glu	Gln	Glu	Arg	Lys	Ser	Leu	Glu	
374	625				630					635					640		
376	tta	gag	aag	caa	aag	gaa	gac	gct	cag	aga	cga	gtt	cag	gaa	agg	gac	1968
377	Leu	Glu	Lys	Gln	Lys	Glu	Asp	Ala	Gln	Arg	Arg	Val	Gln	Glu	Arg	Asp	
378				645						650					655		
380	aag	caa	tgg	ctg	gag	cat	gtg	cag	cag	gag	gag	cag	cca	cgc	ccc	cgg	2016
381	Lys	Gln	Trp	Leu	Glu	His	Val	Gln	Gln	Glu	Glu	Gln	Pro	Arg	Pro	Arg	

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/674,237C

DATE: 05/25/2005
TIME: 13:53:58

Input Set : A:\3477.89.ST25.txt
Output Set: N:\CRF4\05252005\I674237C.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:18; N Pos. 102,103

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:28,29,30,31,32,33,36,37

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/674,237C

DATE: 05/25/2005

TIME: 13:53:58

Input Set : A:\3477.89.ST25.txt

Output Set: N:\CRF4\05252005\I674237C.raw

L:2218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:60